

P.03/05

BANIM LABORATORY UNIT

NOV-12-2002 12:56



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-11-044
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.F.
AVERAGE G.O. AREA (μm^2): 0.011433

PROJECT: NYC DEP, 17 Battery Place
DATE OF REPORT: 11/09/02
DATE OF ANALYSIS: 11/09/02
EFFECTIVE FILTER AREA (μm^2): 385

LABORATORY RESULTS

CLIENT N	LAB. ID N	LOCATION	VOLUME (l)	G.O.'s ANAL YZED	AREA ANALY ZED (μm^2)	ANALYT. SENSITIVITY (struc./cm ²)	TOTAL ASBESTOS AIR CONC. (struc./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.556 < 5µm	AIR CONC. FOR STRUCT. 0.250 µm	ASBEST. TYPE CHRYS.	ARCHED. ASBEST TYPE SPECIFY
01	T02-11-044-3926	Decon	1485	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
02	T02-11-044-3927	IWA right side of WA	1485	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
03	T02-11-044-3928	IWA 1" middle of WA	1485	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
04	T02-11-044-3929	IWA 2" middle of WA	1485	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
05	T02-11-044-3930	IWA left side of WA	1485	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA

E. Siorkri
ANALYST
E. Siorkri

Spiro Dongaris
LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: 300-10-0000, 300-10-0001

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
- If AES Inc., did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

600/900 (2)

NOV-12-2002 12:55

BAMM LABORATORY UNIT

P. 02/05

228 East 43rd Street
New York, NY 10017

(212) 922-8877

Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P. C.

PAGE

1 OF 1

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr⁺/a12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate⁺/a

P.O.

W&P FILE #: 1079-01-02

CLIENT: NYC DEP

LABORATORY: USEP

CONTACT: M. NOGUCHI

PROJECT: CLEANING HAZARDOUS
LOCATION: 17 BATTERY PLACE NYC

ANALYSIS METHOD: PCM

slide one

ITEM TEM
7400 AHERA EPA LEVEL II

TECHNICIAN: DIPR ELEMU

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP	FLOWRATE START STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (mg/cc)
01	Decon	3		03 03	0800	1615	495	1485	
02	11A Rightside of lot	3		03 03	0801	1616	495	1485	
03	1st Middle of -	3		03 03	0802	1617	495	1485	
04	2nd Middle - back	3		03 03	0803	1618	495	1485	
05	Leftside of lot	3		03 03	0805	1620	495	1485	
06	field blank	1							
07	field blank	1							
08	Sealed blank	1							

COMMENTS:

102-11-044

SAMPLE BY: DIPR ELEMU	DATE: 11/8/02
SIGNATURE: DIPR ELEMU	
RELEASED BY: DIPR ELEMU	DATE: 11/8/02
SIGNATURE: DIPR ELEMU	
RECEIVED BY: A. CATTARA	DATE: 11/9/02
SIGNATURE: A. CATTARA	

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

007/009